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The report presents data on representative street lighting installations throughout the United States. It is a report of practice and should not be interpreted as a report of recommendations.

For convenience in using the data herein, street lighting installations have been divided into seven classes according to the general character of street. An installation which is appropriate for a given street is usually appropriate for other streets in the same class, but it is not usually appropriate for the streets in some other class.

In addition to the data given on installations in the various classifications, the report includes 36 half-page illustrations of representative installations in each class.

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REPRESENTATIVE STREET LIGHTING INSTALLATIONS

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A Report of the ▼ ▼

Street Lighting Committee,
Commercial National Section

National Electric Light Association

FOUR-TWENTY LEXINGTON AVENUE, NEW YORK, N. Y., U. S. A.

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Representative Street Lighting Installations

The Purpose of the Report

The report presents data on representative street lighting installations throughout the United States. It is a report of practice and should not be interpreted as a report of recommendations.

The work of compiling this information was undertaken because the Street Lighting Committee had received numerous requests from member companies for information on typical installations. A subcommittee was appointed to collect such information. The subcommittee prepared a questionnaire covering all of the items felt to be of general interest with reference to any street lighting installation. This questionnaire has been widely circulated in the industry and a

large number of returns obtained. The report is compiled from these returns.

Classification of Installations

For convenience in using the data herein, street lighting installations have been divided into seven classes according to the general character of street. An installation which is appropriate for a given street is usually appropriate for other streets in the same class, but is not usually appropriate for the streets in some other class.

Secondary business districts are not included in this list, because in many cases, they receive the same treatment as the main business district of a city of the next smaller size, and in other cases, they are on one of the thorofares of the

city and receive the same treatment as the thorofares.

Class	INSTALLATION	POPULATION OF CITIES
1	Main Business Districts	Over 100,000
2	Main Business Districts	30,000-100,000
3	Main Business Districts	10,000-30,000
4	Main Business Districts	Under 10,000
5	Thorofares	
6	Residence Streets	
7	Highways	

Types 5, 6 and 7 have not been subdivided according to population because these streets usually call for the same or similar treatment in all sizes of cities. There is considerable variation in the lighting intensity provided on thorofares, based on the amount of traffic, but this does not necessarily call for any variation in the character of the installation.

List of Street Lighting Installations

CLASS 1—MAIN BUSINESS DISTRICTS CITIES OVER 100,000 POPULATION

CITY	STREET
Birmingham, Ala.	First Ave., No.
Cambridge, Mass.	Massachusetts Ave.
Chicago, Ill.	State
Cleveland, Ohio	Public Square
Detroit, Mich.	Washington Blvd.
Detroit, Mich.	Woodward Ave.
Fall River, Mass.	Pleasant
Los Angeles, Calif.	Wilshire Blvd.
Lynn, Mass.	Central Ave., Exchange, and Broad
New York, N. Y.	Fifth Ave., between 26th and 59th
Oakland, Calif.	Entire central business district
Washington, D. C.	14th between Pa. Ave. and H, N. W.

CLASS 2—MAIN BUSINESS DISTRICTS CITIES 30,000-100,000 POPULATION

CITY	STREET
Lawrence, Mass.	Essex
Newark, Ohio	E. & W. Main
Oak Park, Ill.	Oak Park Ave.
Revere, Mass.	Broadway
Schenectady, N. Y.	Erie Blvd.
San Jose, Calif.	Entire business district
Stockton, Calif.	Entire business district

Note—The installations in each class are arranged by cities in alphabetical order.

CLASS 3—MAIN BUSINESS DISTRICTS CITIES 10,000-30,000 POPULATION

CITY	STREET
Downers Grove, Ill.	Main
Forest Park, Ill.	Madison
Kankakee, Ill.	Merchant
Maywood, Ill.	5th Ave.
No. Chicago, Ill.	Sheridan Rd.

CLASS 4—MAIN BUSINESS DISTRICTS CITIES UNDER 10,000 POPULATION

CITY	STREET
Deerfield, Ill.	Waukegan Rd.
Fort Edward, N. Y.	Main
Fort Plain, N. Y.	Main and Canal
Hudson Falls, N. Y.	Main
Lake Forest, Ill.	Deerpath Ave.

CLASS 5—THOROFARES

CITY	STREET
Birmingham, Ala.	First Ave. North
Detroit, Mich.	Outer Drive
Lawrence, Mass.	Broadway
Lynn, Mass.	Lewis
Lynn, Mass.	Washington
Newark, Ohio	Mt. Vernon Rd.
Revere, Mass.	Central Ave., Beach

CLASS 5—(Cont.)

River Forest, Ill.	Lake
Salem, Mass.	Lafayette
San Leandro, Calif.	Washington Ave.
Schenectady, N. Y.	State (Upper)
Swampscott, Mass.	Humphrey
Troy, N. Y.	Fifth Ave.
Washington, D. C.	16th

CLASS 6—RESIDENCE STREETS

City	Street
Arlington Heights, Ill.	Dunton
Jackson, Mich.	Carlton Blvd.
Lynn, Mass.	Bassett
Lynn, Mass.	Ocean
Schenectady, N. Y.	Ardsley Rd.

CLASS 7—HIGHWAYS

City	Street
Evergreen Park, Ill.	95th
Lake Forest, Ill.	Waukegan Rd.
Lynn, Mass.	Lynnfield
Marblehead, Mass.	Tedesco Rd.
Schenectady- Amsterdam, N. Y.	Mohawk Valley Pike
Syracuse, N. Y.	West Genesee Pike

This report of the Street Lighting Committee has been prepared by its

STREET LIGHTING PRACTICE SUBCOMMITTEE

T W ROLPH, Chairman

S G HIBBEN
E B SMITH

P S MILLAR
P N WOODSON

TABLE I
CLASS 1—MAIN BUSINESS DISTRICTS
CITIES OVER 100,000 POPULATION

1 City	Birmingham, Ala.	Cambridge, Mass.	Chicago, Ill.	Cleveland, Ohio	Detroit, Mich.	Detroit, Mich.
2 Street	First Ave., No.	Massachusetts Ave.	State	Public Square	Washington Blvd.	Woodward Ave.
3 Date installed	1928	1929	1926	1928	1928	1929
4 Width of street between curbs (ft)	70	70	80 and 60	80 (Approx.)	40 on each side, with center parkway between	80
5 Width of street between property lines (ft)	100	110	120 and 100	120 (Approx.)	200	120
6 Spacing—measured along center line of street	100	110	90	70 (Approx.)	108	94
7 Arrangement (opposite or staggered)	Opposite	Opposite	Opposite	Opposite	Opposite in center parkway	Opposite
8 Mounting height to light center (ft)	18	22	27.75	28.75	27—(4 lamps) 32—(1 lamp)	26.6
9 Type of standard	Pressed steel	Pressed steel	Pressed steel, combination trolley	Pressed steel, combination trolley	Cast iron	Pressed steel, combination trolley
10 Number of lamps per standard	1	2	2	2	5	2
11 Type of luminaire	Upright medium alabaster globe	Upright globe	Upright heavy alabaster globe	Upright globe, internal symmetric refractor	Upright alabaster globe	Pendant alabaster globe
12 Lumen output per lamp (bare)	9,500	15,000	45,000	15,000 and 33,000	20,200	45,000
13 Lumens generated per linear ft. of street	190	545	2,000	1,900 (Approx.)	1,870	1,910
14 Average horizontal illumination between curbs (foot candles)			3.2	3.0 (Approx.)	2.6	
15 Distribution system	Underground multiple; pilot wire control	Underground series 6.6 amp	Underground multiple; pilot wire control	Underground multiple center of square; series outside of square	Underground multiple; pilot wire control	Underground multiple
16 Installation financed by	Central station and city assessment of abutting property	Central station	Merchants' Ass'n.	City	Merchants and City	Merchants' Ass'n and City
17 Energy supplied by	Central station	Central station	Central station	City	City	City
18 Maintenance supplied by	Central station	Central station	Central station	City	City	City
19 Operating cost paid by	City	City	Merchants' Ass'n.	City	City	City

TABLE I (Cont.)
 CLASS 1—MAIN BUSINESS DISTRICTS
 CITIES OVER 100,000 POPULATION

1 City	Fall River, Mass.	Los Angeles, Calif.	Lynn, Mass.	New York, N. Y.	Oakland, Calif.	Washington, D. C.
2 Street	Pleasant	Wilshire Blvd.	Central Ave., Exchange, Broad	Fifth Ave. between 26th & 59th	Entire central business district	14th between Pa. Ave. and H.N.W.
3 Date installed	1928	1928	1925	1915	1927 and 1929	1928
4 Width of street between curbs (ft)	42	70	31 to 72	60	70 to 90	70
5 Width of street between property lines (ft)	60	110	48 to 90	100	100 to 130	110
6 Spacing — measured along center line of street	58	127	62.5	101 in blocks 58 at intersections	115 (Average)	67
7 Arrangement (opposite or staggered)	Staggered	Opposite	Staggered	Staggered	Opposite	Staggered
8 Mounting height to light center (ft)	16.1	24	22	19	20	21
9 Type of standard	Cast iron	Cast iron	Cast iron	Steel with ornamental castings	Cast iron	Cast iron
10 Number of lamps per standard	2	2 (in a single lantern)	2	2	2	2
11 Type of luminaire	Upright alabaster globe	Upright lantern with 4 rock crystal panels	Upright medium alabaster globe	Pendant light alabaster globe with 7-in reflector inside	Upright medium alabaster globe	Upright globe
12 Lumen output per lamp (bare)	15,000	25,000 before midnight — 6,000 after midnight	15,000 (arc)	7,400	15,000	15,000 (arc) with enclosing globe
13 Lumens generated per linear foot of street	518	393 before midnight — 94 after midnight	480	170	520	423
14 Average Horizontal illumination between curbs (foot candles)	1.5					1.1
15 Distribution system	Underground series, 6.6 amp	Underground series, 6.6 amp	Underground series, 6.6 amp	Underground multiple pilot wire control	Underground 6.6 amp series	Underground 6.6 amp series
16 Installation financed by	Central station	Assessment against property	Central station	Central station	City 44% — property owners 56%	Standards—city Balance — central station
17 Energy supplied by	Central station	City	Central station	Central station	Central station	Central station
18 Maintenance supplied by	Central station	City	Central station	Central station	Central station	Central station
19 Operating cost paid by	City	Property owners	City	City	City 44% — property owners 56%	City

TABLE II
CLASS 2—MAIN BUSINESS DISTRICT
CITIES 30,000-100,000 POPULATION

1 City	Lawrence, Mass.	Newark, Ohio	Oak Park, Ill.	Revere, Mass.	Schenectady, N. Y.	San Jose, Calif.	Stockton, Calif.
2 Street	Essex	E & W Main	Oak Park Ave.	Broadway	Erie Blvd.	Entire business district	Entire business district
3 Date installed	1926	1928	1927	1929	1925	1926 and 1929	1927 and 1929
4 Width of street between curbs (ft)	50	99	36 to 50	65	110 with center parkway	50 to 60	40 to 75
5 Width of street between property lines (ft)	80	130	66	80		80 to 100	70 to 100
6 Spacing—measured along center line of street	74	165	90	109	48 ft of street per standard	118 (Ave.)	124 (Ave.)
7 Arrangement (opposite or staggered)	Staggered	Opposite	Opposite	Staggered	Staggered; sides and center parkway	Opposite	Opposite
8 Mounting height to light center (ft)	19	22	16.5	18	20	18.5	19.5
9 Type of standard	Pressed steel	Pressed steel	Concrete	Cast iron wood shaft	Cast iron	Cast iron	Cast iron
10 Number of lamps per standard	2	2	1	1	2	2	2
11 Type of luminaire	Upright medium alabaster globe	Upright light alabaster globe, internal asymmetric refractor	Upright lantern, internal asymmetric refractor	Upright globe	Upright alabaster globe	Upright medium alabaster globe	Upright medium alabaster globe 40% of the units with internal refractors
12 Lumen output per lamp (bare)	15,000	10,000	6,000	15,000	16,800 (arc)	6,000	6,000
13 Lumens generated per linear foot of street	405	250	133	138	700	203	193
14 Average horizontal illumination between curbs (foot candles)		1.0					
15 Distribution system	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series
16 Installation financed by	Central station	City and property owners by assessment	Property owners by assessment	Central station	Central station and abutting property owners	Assessment of abutting property	Assessment of abutting property
17 Energy supplied by	Central station	City	Central station	Central station	Central station	Central station	Central station
18 Maintenance supplied by	Central station	City	City	Central station	Central station	Central station	Central station
19 Operating cost paid by	City	City	City	City	City and merchants (after 5 yr from 1929, city only)	City	City and assessment of abutting property

TABLE III
CLASS 3—MAIN BUSINESS DISTRICTS
CITIES 10,000-30,000 POPULATION

1 City	Downers Grove, Ill.	Forest Park, Ill.	Kankakee, Ill.	Maywood, Ill.	No. Chicago, Ill.
2 Street	Main	Madison	Merchant	5th Ave.	Sheridan Rd.
3 Date installed	1927	1929	1927-1928	1923	1927
4 Width of street between curbs (ft)	46	40	42 and 58*	36 and 42	44
5 Width of street between property lines (ft)	75	60	66 and 100	66	66
6 Spacing—measured along center line of street	95	66	80	125	110
7 Arrangement (opposite or staggered)	Opposite	Opposite	Opposite	Opposite	Opposite
8 Mounting Height to light center (ft)	13.75	16	13.5	14.5	13.5
9 Type of standard	Cast iron	Pressed steel and iron, combination trolley	Concrete, cast iron, pressed steel	Concrete	Concrete
10 Number of lamps per standard	1	2	1	1	1
11 Type of luminaire	Upright medium alabaster globe	Upright light alabaster globe with internal asymmetric refractor	Upright ornamental refractor	Harp type unit without glassware	Upright globe
12 Lumen output per lamp (bare)	6,000	10,000	4,000	2,500	4,000
13 Lumens generated per linear foot of street	126	607	100	40	73
14 Average horizontal illumination between curbs (foot candles)					
15 Distribution system	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series	Underground 6.6 amp series
16 Installation financed by	Civic Ass'n.	Assessment of abutting property	Assessment of property owners	Assessment of property owners	Assessment of abutting property
17 Energy supplied by	Central station	Central station	Central station	Central station	Central station
18 Maintenance supplied by	City	City	City	City	City
19 Operating cost paid by	City	City	City	City	City

TABLE IV
CLASS 4—MAIN BUSINESS DISTRICT
CITIES AND VILLAGES UNDER 10,000 POPULATION

1 City	Deerfield, Ill.	Fort Edward, N. Y.	Fort Plain, N. Y.	Hudson Falls, N. Y.	Lake Forest, Ill.
2 Street	Waukegan Rd.	Main	Main and Canal	Main	Deerpath Ave.
3 Date installed	1927	1927	1929	1928	1927
4 Width of street between curbs (ft)	40	35	42	30	40
5 Width of street between property lines (ft)	66	50	60	45	66
6 Spacing—measured along center line of street	100	116	106	105	110
7 Arrangement (opposite or staggered)	Opposite	Staggered	Staggered	Staggered	Opposite
8 Mounting height to light center (ft)	13.5	18	18	18	13½
9 Type of standard	Pressed steel	Pressed steel	Pressed steel	Pressed steel	Concrete
10 Number of lamps per standard	1	1	1	1	1
11 Type of luminaire	Upright globe	Upright light alabaster globe, internal asymmetric refractor	Upright medium alabaster globe	Upright light alabaster globe, internal asymmetric refractor	Upright globe
12 Lumen output per lamp (bare)	6,000	10,000	15,000	10,000	6,000
13 Lumens generated per linear foot of street	120	86	141	95	109
14 Average horizontal illumination between curbs (foot candles)					
15 Distribution system	Underground series 6.6 amp	Underground series 6.6 amp	Underground series 6.6 amp	Underground series 6.6 amp	Underground series 6.6 amp
16 Installation financed by	Assessment of abutting property	Central station	Central station	Central station	Assessment of abutting property
17 Energy supplied by	Central station	Central station	Central station	Central station	Central station
18 Maintenance supplied by	City	Central station	Central station	Central station	City
19 Operating cost paid by	City	City	City	City	City

TABLE V
CLASS 5—THOROFARES

1 City	Birmingham, Ala.	Detroit, Mich.	Lawrence, Mass.	Lynn, Mass.	Lynn, Mass.	Newark, Ohio
2 Street	First Ave., No.	Outer Drive	Broadway	Lewis	Washington	Mt. Vernon Rd.
3 Date installed	1927	1928	1924-26	1925	1928	1928
4 Width of street between curbs (ft)	70	60	46	42	33	39
5 Width of street between property lines (ft)	100	150	66	55	48	60
6 Spacing—measured along center line of street	200	100	82	100	175	160
7 Arrangement (opposite or staggered)	Staggered	Staggered	Staggered	Staggered	Staggered	Staggered
8 Mounting height to light center (ft)	20	18.5	14.5	19	20	20
9 Type of standard	Wood 4-ft bracket	Pressed steel	Pressed steel	Cast iron	Pressed steel	Pressed steel
10 Number of lamps per standard	1	1	1	1	1	1
11 Type of luminaire	Pendant light alabaster globe, internal asymmetric refractor	Pendant lantern internal asymmetric refractor	Upright medium alabaster globe	Upright light alabaster globe, internal asymmetric refractor	Pendant light alabaster globe, internal asymmetric refractor	Pendant asymmetric refractor
12 Lumen output per lamp (bare)	5,370	6,000	10,000	15,000	10,000	10,000
13 Lumens generated per linear foot of street	27	60	122	150	57	63
14 Average horizontal illumination between curbs (foot candles)						.4
15 Distribution system	Overhead multiple pilot wire control	Underground series 6.6 amp	Underground series 6.6 amp	Underground series 6.6 amp	Underground series 6.6 amp	Underground series 6.6 amp
16 Installation financed by	Central station	County Commission and Municipality	Central station	Central station	Central station	Assessment of abutting property, city paying for intersections
17 Energy supplied by	Central station	City	Central station	Central station	Central station	City
18 Maintenance supplied by	Central station	City	Central station	Central station	Central station	City
19 Operating cost paid by	City	City	City	City	City	City

TABLE VI
CLASS 6—RESIDENCE STREETS

1 City	Arlington Hghts., Ill.	Jackson, Mich.	Lynn, Mass.	Lynn, Mass.	Schenectady, N. Y.
2 Street	Dunton	Carlton Blvd.	Bessett	Ocean	Ardsley Rd.
3 Date installed	1925	1929	1926	1926	
4 Width of street between curbs (ft)	22	66	25	27	25 and 28
5 Width of street between property lines (ft)	66	99	45	45	
6 Spacing—measured along center line of street	350	90 at intersections, 115 in blocks	220	145	100
7 Arrangement	Center of street	Center of street parkway	One side	Staggered	Staggered
8 Mounting height to light center (ft)	23	17	16	16	11 and 12
9 Type of Standard	Wood	Concrete	Wood	Cast iron, wood shaft	Pressed steel
10 Number of lamps per standard	1	2	1	1	1
11 Type of luminaire	Pendant 4-way and 2-way refractors	Upright medium alabaster globe	Pendant light alabaster globe, internal asymmetric refractor	Pendant light alabaster globe, internal asymmetric refractor	Upright medium alabaster globe
12 Lumen output per lamp (bare)	2,500	6,000	2,500	6,000	2,500
13 Lumens generated per linear foot of street	7.1	117	11	41	25
14 Average horizontal illumination between curbs (foot candles)					
15 Distribution system	Overhead series 6.6 amp	Underground series 7.5 amp	Overhead series 6.6 amp	Underground series 6.6 amp	Underground series 6.6 amp
16 Installation Financed by	Central station	Assessment abutting property	Central station	Central station	Central station and abutting property owners
17 Energy supplied by	Central station	Central station	Central station	Central station	Central station
18 Maintenance supplied by	Central station	Central station	Central station	Central station	Central station
19 Operating cost paid by	City	City	City	City	City and abutting property owners—after 5 yr from 1929, city only

TABLE VII
CLASS 7—HIGHWAYS

1 City	Evergreen Pk., Ill.	Lake Forest, Ill.	Lynn, Mass.	Marblehead, Mass.	Schenectady— Amsterdam, N. Y.	Syracuse, N. Y.
2 Street	95th	Waukegan Rd.	Lynnfield	Tedesco Rd.	Mohawk Valley Pike	West Genesee Pike
3 Date installed	1929	1930	1925	1928	1929	1929
4 Width of street between curbs (ft)	40	22	42-18 ft paved	24	25-30	30
5 Width of street between property lines (ft)	66	66	55	42		
6 Spacing — measured along center line of street	400	375	300	225	267	240
7 Arrangement	One side	One side	Staggered	One side	One side	One side
8 Mounting heights to light center (ft)	25	25	32	20	20-22	27.5
9 Type of standard	Wood	Wood	Wood	Wood	Wood	Wood
10 Number of lamps per standard	1	1	1	1	1	1
11 Type of luminaire	Pendant with highway refractor	Pendant, with asymmetric refractor	Nested parabolic reflectors	Pendant asymmetric refractor	Pendant porcelain reflector	Pendant asymmetric refractor
12 Lumen output per lamp (bare)	2,500	4,000	2,500	2,500	4,000 (full frosted)	4,000
13 Lumens generated per linear foot of street	6.3	11	8.3	8-11	15	17
14 Average horizontal illumination between curbs (foot candles)						
15 Distribution system	Overhead series, 6.6 amp	Overhead series, 6.6 amp	Overhead series, 6.6 amp	Overhead series, 4 amp	Overhead series, 6.6 amp	Overhead series, 6.6 amp
16 Installation financed by	Central station	Central station	Central station	City	County appropriation	Central station
17 Energy supplied by	Central station	Central station	Central station	City	Central station	Central station
18 Maintenance supplied by	City	Central station	Central station	City	Central station	Central station
19 Operating cost paid by	City	City	City	City	County	Town

CLASS 1—Main Business Districts—Cities Over 100,000 Population



Fig. 1—State Street, Chicago, by Day



Fig. 2—State Street, Chicago, by Night



Fig. 3—Washington Boulevard, Detroit, by Day



Fig. 4—Washington Boulevard, Detroit, by Night



Fig. 5—Public Square, Cleveland, Ohio



Fig. 6—Massachusetts Avenue, Cambridge, Mass.



Fig. 7—Exchange Street, Lynn, Mass., by Day



Fig. 8—Exchange Street, Lynn, Mass., by Night

CLASS 2—Main Business Districts—Cities 30,000-100,000 Population



Fig. 9—Erie Boulevard, Schenectady, by Day



Fig. 10—Erie Boulevard, Schenectady, by Night



Fig. 11—West Main Street, Newark, Ohio, Before New Lighting Was Installed



Fig. 12—West Main Street, Newark, Ohio, After New Lighting Was Installed



Fig. 13—Oak Park Avenue, Oak Park, Ill.



Fig. 14—Essex Street, Lawrence, Mass.

CLASS 3—Main Business Districts—Cities 10,000-30,000 Population



Fig. 15—Madison Street, Forest Park, Ill., by Day



Fig. 16—Madison Street, Forest Park, Ill., by Night

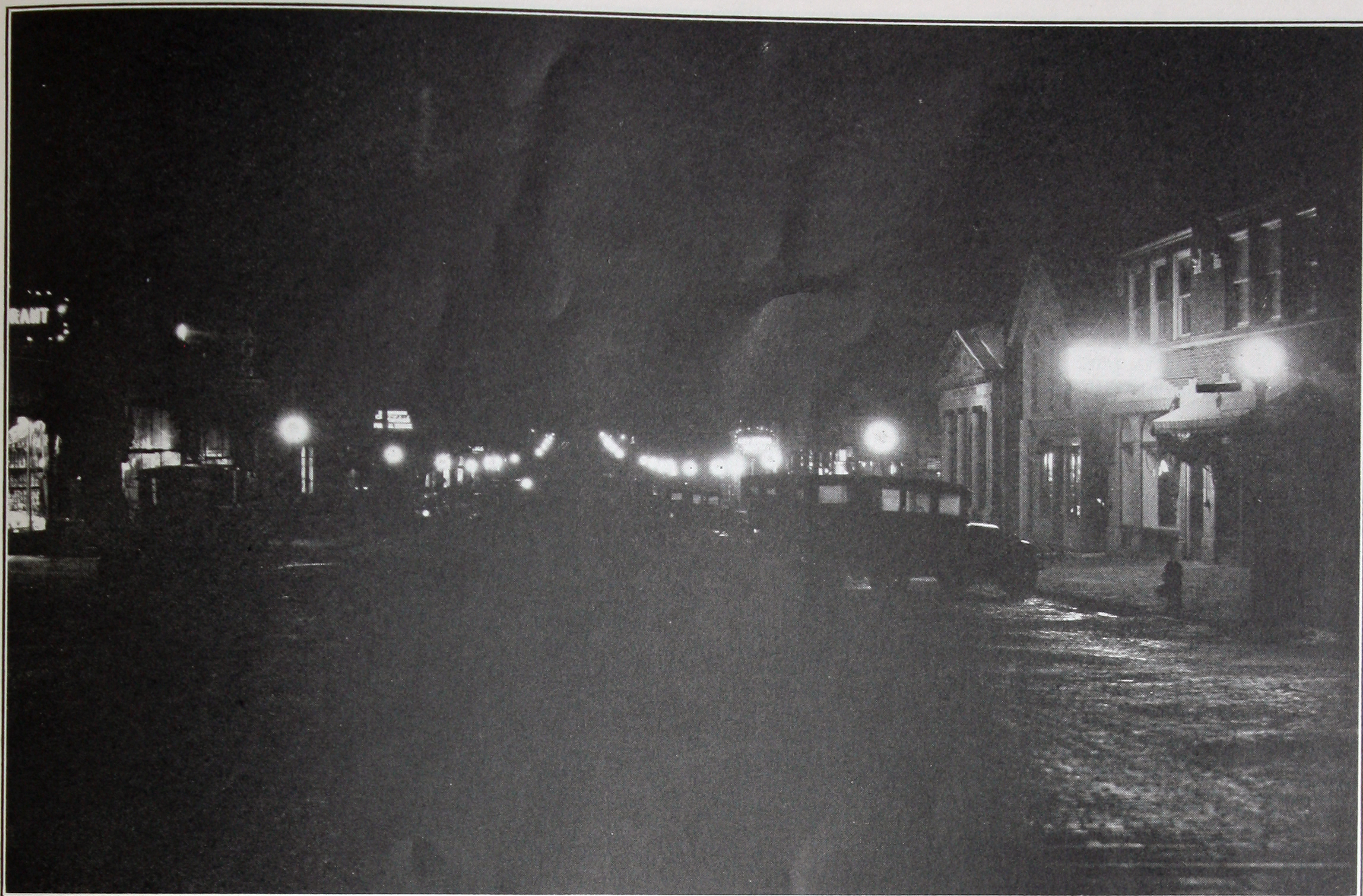


Fig. 17—Main Street, Downers Grove, Ill., Before New Lighting Was Installed



Fig. 18—Main Street, Downers Grove, Ill., After New Lighting Was Installed



Fig. 19—Merchant Street, Kankakee, Ill., Before New Installation Was Lighted



Fig. 20—Merchant Street, Kankakee, Ill., After New Installation Was Lighted

CLASS 4—Main Business Districts—Cities Under 10,000 Population



Fig. 21—Main Street, Fort Edward, N. Y., by Day



Fig. 22—Main Street, Fort Edward, N. Y., by Night

CLASS 5—Thorofares



Fig. 23—Upper State Street, Schenectady, N. Y., by Day



Fig. 24—Upper State Street, Schenectady, N. Y., by Night



Fig. 25—Outer Drive, Detroit, Mich., by Day



Fig. 26—Outer Drive, Detroit, Mich., by Night



Fig. 27—Mt. Vernon Road, Newark, Ohio, by Day



Fig. 28—Mt. Vernon Road, Newark, Ohio, by Night

CLASS 6—Residence Streets



Fig. 29—Ardsley Road, Schenectady, N. Y., by Day



Fig. 30—Ardsley Road, Schenectady, N. Y., by Night



Fig. 31—Ocean Street, Lynn, Mass.

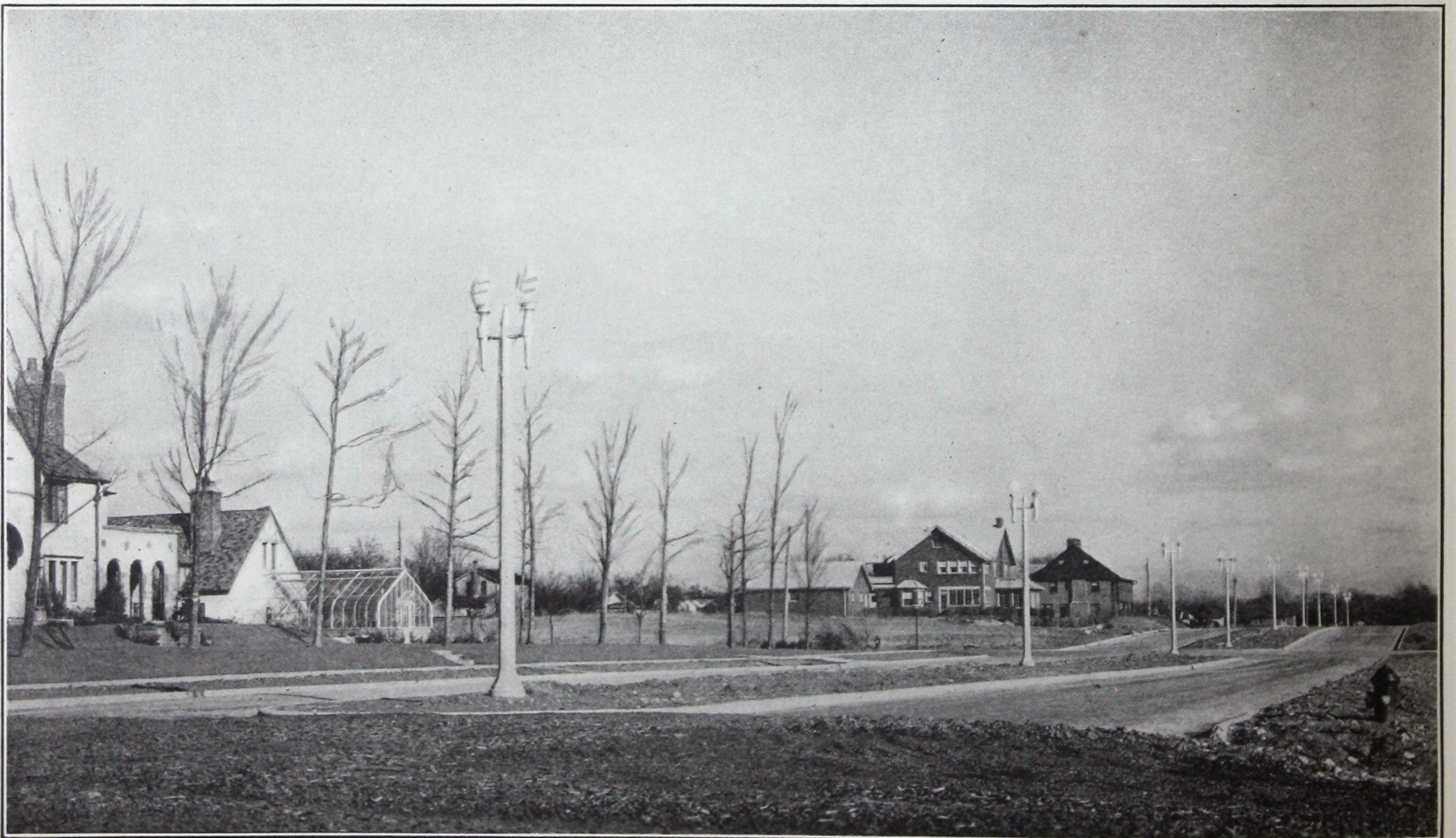


Fig. 32—Carlton Boulevard, Lynn, Mass.

CLASS 7—Highways



Fig. 33—West Genesee Pike, Syracuse, N. Y., by Day



Fig. 34—West Genesee Pike, Syracuse, N. Y., by Night



Fig. 35—Lynnfield Street, Lynn, Mass., by Day

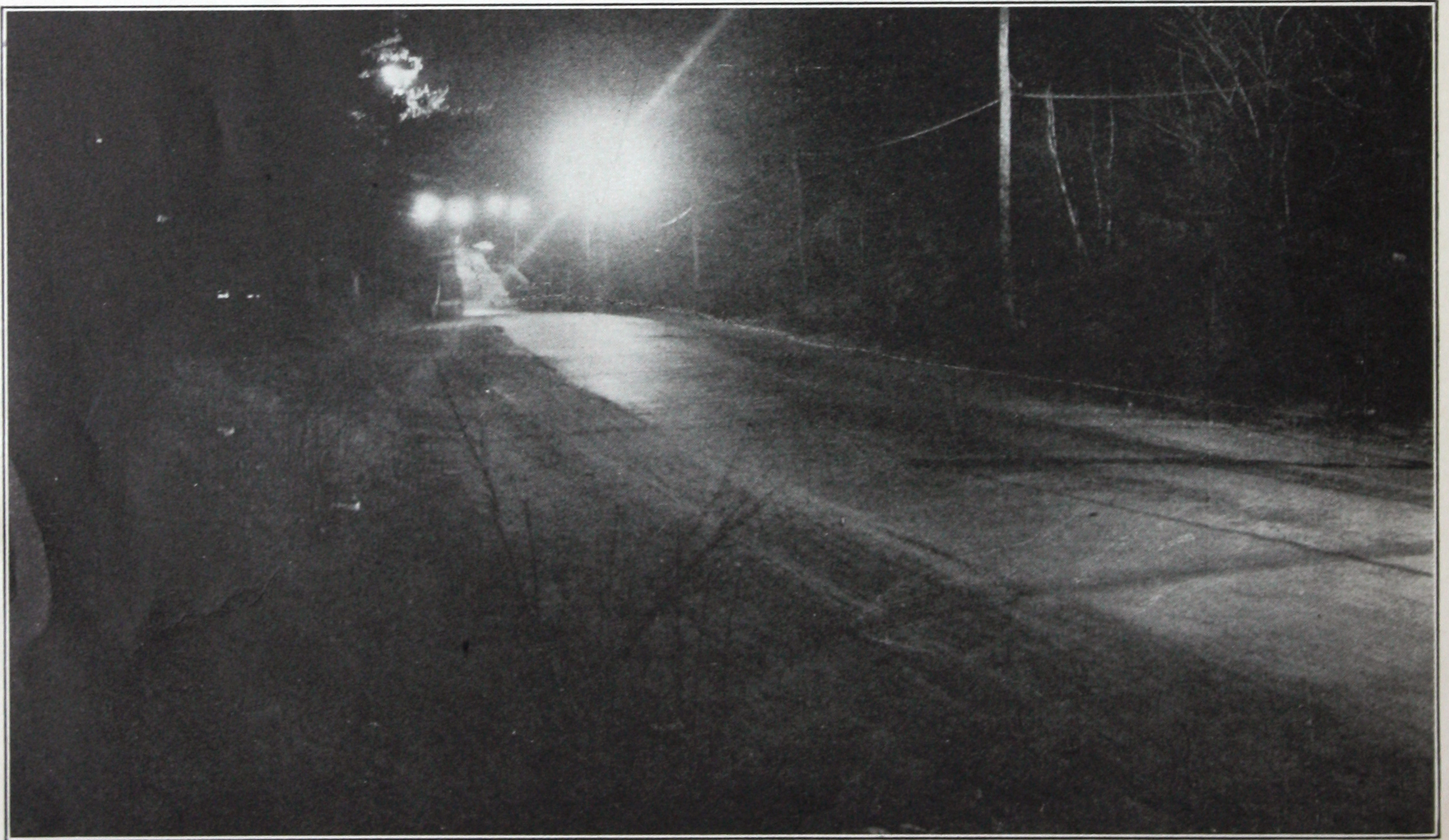


Fig. 36—Lynnfield Street, Lynn, Mass., by Night

LIGHTING BUREAU

Commercial National Section

(Administration Year, July 1, 1929 — June 30, 1930)

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SCOPE: To survey street lighting practices, both equipment and selling methods, as a guide to utilities in promoting this class of business; to study highway lighting and develop plans for advancing street lighting in rural fields; to develop flood lighting practice as an adjunct to street lighting and to encourage in every way the better illumination of public areas

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